



# BIOLOGY

## BOOKS - MTG IIT JEE FOUNDATION

### FOOTSTEPS TOWARDS NEET

#### Multiple Choice Questions

1. Mitochondria and plastids are able to synthesise some of their proteins because they have

A. DNA only

B. RNA only

C. DNA and ribosomes

D. RNA and ribosomes.

**Answer: C**



**Watch Video Solution**

2. Which tissue is found in fibrous covering of coconut ?

A. Parenchyma

B. Collenchyma

C. Sclerenchyma

D. Meristematic tissue

**Answer: C**



**Watch Video Solution**

**3.** Centipede and earthworms have a segmented body, but they are in two different phyla. Identify the phyla they belong to.

A. Arthropoda and Annelida

B. Arthropoda and Aschelminthes

C. Annelida and Aschelminthes

D. None of these

**Answer: A**



**Watch Video Solution**

4. In living organisms, an active immune system recruits many cells to the affected

tissue to kill off the diseases causing microbes.

This recruitment process is called

A. syphilis

B. inflammation

C. encephalitis

D. SARS.

**Answer: B**



**Watch Video Solution**

5. Ozone hole is measured in

A. decibel

B. dobson units (DU)

C. parts per million (PPM)

D. cubic centimeter

**Answer: B**



**Watch Video Solution**

6. Match the columns and select the correct option.

<b>Column I</b>	<b>Column II</b>
A. Catla	(i) Bottom feeder
B. Rohu	(ii) Surface feeder
C. Mrigal	(iii) Middle zone feeder
D. Grass Carp	(iv) Feeds on weed

A. A-(ii),B-(iii),C-(i),D-(iv)

B. A-(iii),B-(ii),C-(i),D-(iv)

C. A-(ii),B-(iii),C-(iv),D-(i)

D. A-(iv),B-(iii),C-(i),D-(ii)

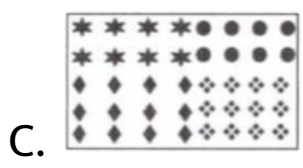
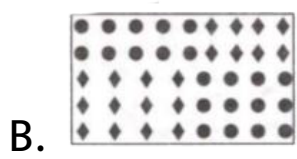
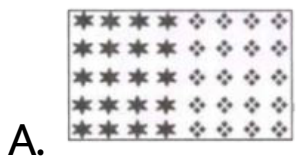
**Answer: A**



Watch Video Solution

7. In which of the following agricultural practices, the nutrient requirements of one crop are fulfilled by the other crop?

* = Soybean	● = Bajra
◆ = Maize	❖ = Cowpea





D. Both (a) and (b)

**Answer: C**



**Watch Video Solution**

**8.** The three basic features found in almost every cell are

A. cell wall, nucleus, cytoplasm

B. cytoplasm, plasma membrane, nucleus

C. cell wall, plasma membrane, cytoplasm

D. plasma membrane, cell wall, nucleus.

**Answer: B**



**Watch Video Solution**

**9. Which of the following are simple tissues**

A. Parenchyma, Xylem, Collenchyma

B. Parenchyma, Collenchyma, Sclerenchyma

C. Parenchyma, Xylem, Sclerenchyma

D. Parenchyma, Xylem, Phloem

**Answer: B**



**Watch Video Solution**

**10.** A feature that is common in yeast, Amoeba, Paramecium is that

- A. they all are multicellular
- B. they all reproduce by budding
- C. they all reproduce by binary fission
- D. they all are unicellular.

**Answer: D**



**Watch Video Solution**

**11.** Destructive enzymes containing cell organelles are

A. Golgi complex

B. ribosomes

C. lysosomes

D. chromosomes

**Answer: C**



**Watch Video Solution**

**12.** Which of the following statements are correct regarding honey bees?

(i) Drones abdomen contains wax glands and sting.

(ii) *Apis indica* is an indigenous species whereas *Apis mellifera* is an exotic species.

(iii) Honey bees are highly colonial, social and polymorphic insects.

(iv) Workers are fertile females and perform various duties of the colony.

(v) Queen is fertile female which lays eggs and normally one queen is found in one nest.

A. (iv) and (v) only

B. (i), (ii), (iii) and (v) only

C. (ii), (iii), (iv) and (v) only

D. (ii), (iii) and (v) only

**Answer: D**



**Watch Video Solution**

**13.** The beauty of Taj Mahal is endangered due to

A. degradation of marble due to high temperature

B. discharge of industrial waste in Yamuna river

C. air pollutants released from oil refinery

D. riparian erosion.

**Answer: C**



**Watch Video Solution**

**14.** When one consumes contaminated water containing germs and microorganisms, it causes one of the following diseases.

- A. Diphtheria
- B. Tuberculosis
- C. Diarrhoea
- D. Plague

**Answer: C**





Watch Video Solution

15. Which of the following statements is/are incorrect about columnar epithelium?

(i) It is made of tall and slender cells.

(ii) Free surface may have microvilli.

(iii) They are found in stomach and intestine and help in secretion and absorption.

(iv) Ciliated epithelium is mainly present in hollow structures like bronchioles and Fallopian tubes.

(v) They have apical nuclei.

A. Only (i)

B. Only (v)

C. (ii) and (iv)

D. (ii) and (iii)

**Answer: B**



**Watch Video Solution**

**16.** Red blood cells when placed in hypertonic solution will

A. shrink

B. swell up

C. not change in form

D. burst

**Answer: A**



**Watch Video Solution**

**17.** Which of the following statements are correct?

(A) Tapeworms are hermaphrodites and

undergo self fertilisation.

(B) Earthworms are hermaphrodites and undergo self fertilisation.

(C) Tapeworms are hermaphrodites but undergo cross fertilisation.

(D) Earthworms are hermaphrodites but undergo cross fertilisation.

A. 'A' and 'B' only

B. 'A' and 'D' only

C. 'B' and 'C' only

D. 'C' and 'D' only

**Answer: B**



**Watch Video Solution**

**18.** Swine flu, dengue and chikungunya are

- A. bacterial diseases
- B. viral diseases
- C. helminthic diseases
- D. fungal diseases.

**Answer: B**



Watch Video Solution

**19.** Organic farming is the technique of raising crops through the use of

- A. manure
- B. biofertilisers
- C. resistant varieties
- D. all of these.

**Answer: D**



20. What do we call the extensive growth of algae in a lake?

- A. Symbiosis
- B. Competition
- C. Algal bloom
- D. Humus

**Answer: C**



21. Read the following statements (A-C) and select the option which correctly fills up the blanks in any two statements.

A. \_\_\_(i)\_\_\_ nutrients are required in large quantity and called \_\_\_(ii)\_\_\_

B. Kharif crops are cultivated from \_\_\_(iii)\_\_\_ to \_\_\_(iv)\_\_\_.

C. Berseem is an important \_\_\_(v)\_\_\_ crop.

A. (i)-17, (ii)-Micronutrients, (iii)-June, (iv) -

October



B. (iii)-June, (iv)-October, (v)-Fodder

C. (i)-17, (ii)-Macronutrients, (v)-Cereal

D. (iii)-November, (iv)-April, (v)-Rabi

**Answer: B**



**Watch Video Solution**

**22.** Which are the longest cells in human body?

A. Liver cell

B. Nerve cell

C. Muscle cell

D. Kidney cell

**Answer: B**



**Watch Video Solution**

**23.** Statement 1: Most life forms that we see today have arisen by an accumulation of changes in body design.

Statement 2: This helps them to survive better and leads to evolution.

A. Statement 1 is correct and statement 2 is incorrect.

B. Statement 2 is the correct explanation of statement 1.

C. Both statements are incorrect.

D. Both statements are correct but statement 2 is not the correct explanation of statement 1.

**Answer: B**



**Watch Video Solution**

**24.** In a six year old stem, the oldest layer of secondary xylem is situated just

- A. outside the primary xylem
- B. outside vascular cambium
- C. on the inner side of cork cambium
- D. on the inner side of vascular cambium.

**Answer: A**



**Watch Video Solution**

**25. Identify the mismatched pair.**

A. Annelida → Animals with  
pseudocoelom

B. Arthropoda → Jointed leg organisms

C. Porifera → Organisms with holes on  
body

D. Echinodermata → Spiny skinned  
organisms

**Answer: A**



**Watch Video Solution**

**26.** Select the correct statements.

- (i) Aseel is an indigenous breed of hen.
- (ii) Males of honey bee colony are workers.
- (iii) Culturing of fish in coastal water is called

aquaculture.

(iv) Leghorn is an exotic breed of hen.

A. (i) and (ii)

B. (ii) and (iii)

C. (iii) and (iv)

D. (i) and (iv)

**Answer: D**



**Watch Video Solution**

27. The beehive is made of

A. cellulose

B. chitin

C. cork

D. wax.

**Answer: D**



**Watch Video Solution**



28. The lining of oesophagus and mouth is covered with which type of tissues?

- A. Cuboidal epithelium
- B. Squamous epithelium
- C. Columnar epithelium
- D. Stratified squamous epithelium

**Answer: D**



**Watch Video Solution**

29. Match column I with column II and select the correct option from the given codes.

<b>Column I</b>	<b>Column II</b>
A. Green algae	(i) <i>Volvox</i>
B. Blue green algae	(ii) <i>Nostoc</i>
C. Red algae	(iii) <i>Sargassum</i>
D. Brown algae	(iv) <i>Gelidium</i>
	(v) <i>Fucus</i>
	(vi) <i>Polysiphonia</i>
	(vii) <i>Chlamydomonas</i>
	(viii) <i>Anabaena</i>

A. A-(i,viii) , B-(ii,vii) , C-(iv, vi) , D-(iii,v)

B. A-(i,ii), B-(vii,viii) , C-(iv, v) , D-(iii,vi)

C. A-(i,viii) , B-(ii,iv) , C-(vi, vii) , D-(iii , v)

D. A-(i, vii) , B-(ii, viii) , C-(iv,vi) , D-(iii,v)

**Answer: D**



**Watch Video Solution**

**30.** The list given below shows some diseases caused by different microorganisms/infectious agents. How many of these diseases are caused by bacteria?

Influenza, Mumps, Chicken pox, Small pox, Typhoid, Diphtheria, Tetanus, Gonorrhoea, Anthrax, Malaria, Kala-azar, Ringworm, Polio, Rabies

**A. 9**

B. 5

C. 4

D. 6

**Answer: B**



**Watch Video Solution**

**31.** Which of the following is the use of lichens in case of pollution?

A. They clean the polluted water.

B. They act as bio-indicators of air pollution.

C. They promote pollution.

D. They are not related with pollution.

**Answer: B**



**Watch Video Solution**

**32.** Rainfall patterns across a particular area mainly depends on :

(i) the prevailing wind patterns

(ii) the pattern of population density in the area

(iii) the amount of available groundwater in the area.

A. (i) and (iii)

B. (i) and (ii)

C. (ii) and (iii)

D. Only (i)

**Answer: D**



**Watch Video Solution**

**33.** Which cell organelle is known as suicidal bag?

A. Ribosome

B. Centrosome

C. Lysosome

D. Peroxisome

**Answer: C**



**Watch Video Solution**

**34.** Match column I with column II and select the correct option from the codes given below.

<b>Column I</b>	<b>Column II</b>
A. Exotic breed of fish	(i) Gir
B. Exotic breed of cattle	(ii) Aseel
C. Indigenous breed of chicken	(iii) Kadaknath
D. Indigenous breed of cattle	(iv) Silver carp
	(v) Jersey
	(vi) Common carp
	(vii) Holstein-Friesian
	(viii) Sahiwal

A. A-(iv, vi) , B-(i,iii) , C-(v,vii), D-(ii,viii)

B. A-(iv,vi), B-(v,vii) , C-(ii,iii) , D-(i,viii)

C. A-(v,vi) , B-(i,iii) , C-(iv,vii) , D-(ii,viii)

D. A-(iv,vi), B-(v,vii) , C-(ii,viii) , D-(i,iii)



**Answer: B**



**Watch Video Solution**

**35.** Read the following statements.

- A. Nerve cells do not have the ability of regeneration.
- B. Nerve cells are one kind of muscle tissue.
- C. No two nerve cells have same appearance.
- D. Nervous tissue is a fluid tissue.

Which of the following is true?

A. A and B

B. C and D

C. A and C

D. B and D

**Answer: C**



**Watch Video Solution**

**36.** Fill in the blanks and select the correct option.

(i) Coloured plastids are called \_\_\_\_

(ii) Nuclear region of a prokaryotic cell is called

----

(iii) Movement of water across the cell membrane takes place by the process of \_\_\_\_

A. (i)-Leucoplasts , (ii)-Plasma , (iii)-Diffusion

B. (i)-Chromoplasts , (ii)-Nucleolus , (iii)-

Osmosis

C. (i)-Chromoplasts , (ii)-Nucleoid , (iii)-

Osmosis

D. (i)-Leucoplasts , (ii)-Nucleoid , (iii)-

Diffusion

**Answer: C**



**Watch Video Solution**

**37. Identify the wrong pair from the following.**

- A. Euglena - Binary fission
- B. Yeast - Budding
- C. Spirogyra - Fragmentation
- D. Hydra - Multiple fission

**Answer: D**



Watch Video Solution

**38.** Select the correct matches.

Disease		Causative organism
(i) Influenza	-	Bacteria
(ii) Typhoid fever	-	Virus
(iii) Malaria	-	Protozoa
(iv) Elephantiasis	-	Worm

A. (i) and (iv)

B. (ii) and (iii)

C. (iii) and (iv)

D. (i),(ii) and (iv)

**Answer: C**



Watch Video Solution

39. Which of the following has scientific name *Penaeus monodon*?

A.



B.



C.



D.



**Answer: D**



**View Text Solution**

**40.** Read the given statements and select the option which correctly fills up the blanks.

A. Infectious Bursal Disease (IBD) is \_\_\_(i)\_\_\_ disease of poultry.

B. \_\_\_(ii)\_\_\_ is growing two or more crops simultaneously on the same field in a definite pattern.

C. \_\_\_(iii)\_\_\_ is a surface feeder fish.

D. Green manure helps in enriching the soil in

\_\_\_\_(iv)\_\_\_\_ and \_\_\_(v)\_\_\_.

A. (i) Viral, (ii) Intercropping, (iii) Catla, (iv)

Hydrogen, (v) Nitrogen

B. (i) Bacterial, (ii) Mixed cropping, (iii)

Rohu, (iv) Nitrogen, (v) Phosphorus

C. (i) Viral, (ii) Intercropping, (iii) Catla, (iv)

Nitrogen, (v) Phosphorus

D. (i) Fungal, (ii) Mixed cropping, (iii) Rohu,

(iv) Nitrogen, (v) Phosphorus



**Answer: C**



**Watch Video Solution**

**41.** Which of the following does not lead to water pollution?

A. The addition of undesirable substances to water bodies.

B. The removal of desirable substances from water bodies.

C. A change in pressure of the water bodies.

D. A change in temperature of the water bodies.

**Answer: C**



**Watch Video Solution**

**42. Vascular and mechanical tissue is absent in**

A. Bryophyta

B. Pteridophyta

C. Gymnosperms

D. Angiosperms

**Answer: A**

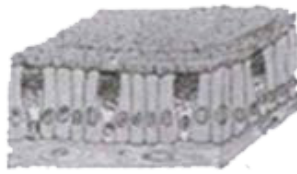


**Watch Video Solution**

**43.** The given figures show two types of epithelial tissue (P and Q).



P



Q

Select the correct option regarding these figures.

A. P and Q are simple squamous epithelial tissue and stratified squamous epithelium respectively.

B. The cells in epithelium Q are arranged in many layers to prevent wear and tear.

C. Epithelium P lines blood vessels and lung alveoli where exchange of substances occurs.

D. Epithelium Q lines kidney tubules and ducts of salivary glands where it provides mechanical support.

**Answer: C**



**Watch Video Solution**

**44.** In a cell which cell organelle other than nucleus contains DNA?

A. Lysosome

B. Golgi bodies

C. Endoplasmic reticulum

D. Mitochondria

**Answer: D**



**Watch Video Solution**

**45.** Select the correct match.

A. Cell was first discovered - 1839

B. The term 'protoplasm' was coined - 1665

C. The nucleus was discovered - 1831

D. Cell theory was proposed - 1674

**Answer: C**



**Watch Video Solution**

**46.** Which characters are present in a vertebrate?

A. Notochord, triploblastic, coelomate and

bilateral symmetry

B. Notochord, diploblastic, coelomate and

bilateral symmetry

C. Notochord, triploblastic, acoelomate and

radial symmetry



D. Notochord, triploblastic, acoelomate and radial symmetry

**Answer: A**



**Watch Video Solution**

**47.** Based on the given features, identify the cell organelle and select the correct option regarding it.

I. It is single membrane bound cell organelle.

II. Enzymes of this cell organelle resorbed the tail of tadpole during metamorphosis.

A. The cell organelle is formed by the joint activity of ER and Golgi apparatus.

B. The cell organelle is present in almost all the animal cells except mature mammalian RBCs.

C. The cell organelle is equally abundant in plant and animal cells.

D. Both (a) and (b)

**Answer: D**



**Watch Video Solution**

**48.** Heart muscle cells are

A. round, unbranched, uninucleate

B. non cylindrical, branched and  
uninucleate

C. cylindrical, unbranched and  
multinucleate

D. cylindrical, branched and uninucleate.

**Answer: D**



**Watch Video Solution**

**49.** An animal with a soft body has a hard cover for its protection. It belongs to Phylum

A. Echinodermata

B. Arthropoda

C. Mollusca

D. Annelida.

**Answer: C**



**Watch Video Solution**

**50.** Smooth muscle fibres are :

A. spindle-shaped, unbranched, non-

striated, multinucleate and involuntary

B. spindle-shaped, unbranched, non-

striated, uninucleate and involuntary

C. cylindrical, striated, unbranched,  
multinucleate and voluntary

D. cylindrical, unbranched, non-striated,  
multinucleate and involuntary.

**Answer: B**



**Watch Video Solution**

**51.** Match the organisms given in column I with the mode of nutrition given in column II and

select the correct option.

Column I	Column II
A. Leech	(i) Holozoic nutrition
B. <i>Amoeba</i>	(ii) Autotrophic nutrition
C. Mushroom	(iii) Parasitic nutrition
D. Green plant	(iv) Saprophytic nutrition

A. A-(ii), B-(iv), C-(i), D-(iii)

B. A-(iii), B-(i), C-(iv), D-(ii)

C. A-(i), B-(iv), C-(iii), D-(ii)

D. A-(iv), B-(iii), C-(ii), D-(i)

**Answer: B**



**Watch Video Solution**

52. Which of the plant tissue shows the pectin deposition on cell wall?

A. Collenchyma

B. Parenchyma

C. Sclerenchyma

D. Chlorenchyma

**Answer: A**



**Watch Video Solution**



**53.** Elephantiasis is a disease that results in

A. long-term effect on health

B. short-term effect on health

C. no effect on health

D. occasional bad effects on health.

**Answer: A**



**Watch Video Solution**

54. The absorption of useful material from urine before it is passed out takes place through \_\_\_\_\_ epithelium tissue.

A. cuboidal

B. ciliated columnar

C. columnar

D. stratified squamous

**Answer: A**



**Watch Video Solution**

55. What will happen to the cell, if the medium has a lower concentration of water than the cell?

A. Bulge

B. Shrink

C. No change

D. Cannot be predicted

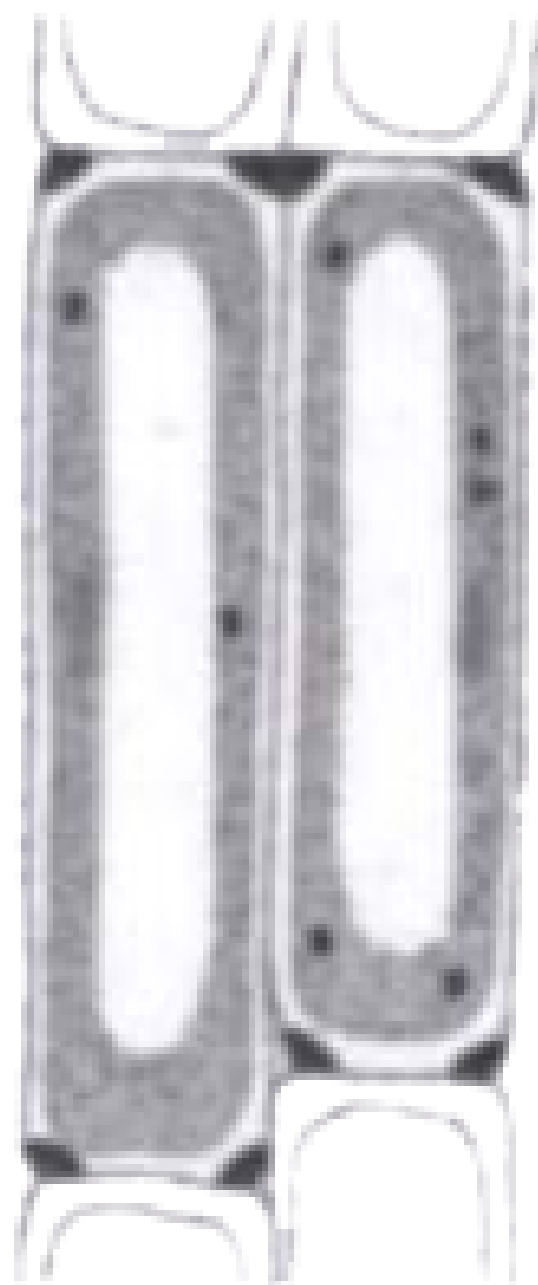
**Answer: B**



**Watch Video Solution**

**56.** Refer to the given figure showing section of a plant tissue and select the correct

statement regarding it.



- A. They can store food in the form of starch.
- B. Some of them also contain chloroplasts.
- C. Thickenings at the corners of each cell is due to presence of pectin and cellulose.
- D. They are present in hard walls of nuts.

**Answer: C**



**Watch Video Solution**

57. Which one of the following sets of animals share a four chambered heart?

A. Amphibian, Reptile, Bird

B. Crocodile, Bird, Mammal

C. Crocodile, Lizard, Turtle

D. Lizard, Mammal, Bird

**Answer: B**



**Watch Video Solution**



58. Vaccination is not available for

A. polio

B. common cold

C. tetanus

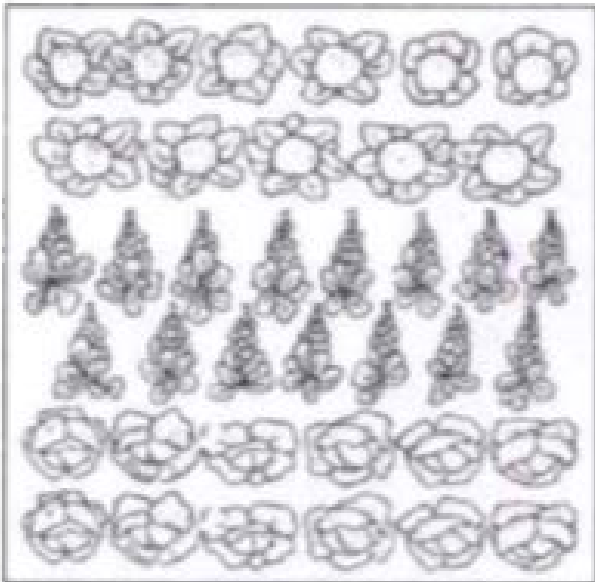
D. tuberculosis

**Answer: B**



**Watch Video Solution**

59. Identify the cropping pattern from the given image.



- A. Intercropping
- B. Mixed cropping
- C. Crop rotation

D. None of these

**Answer: A**



**View Text Solution**

**60.** Acid rain can be best defined as

- (i) surface run-off from agricultural land containing chemicals like fertilizers
- (ii) rainwater containing dissolved acids
- (iii) the rain of acids formed in the clouds due to lightning

A. (i) and (ii)

B. (i) and (iii)

C. only (ii)

D. Only (i)

**Answer: C**



**Watch Video Solution**

**61.** Phylogeny is study of

A. development of an individual

B. evolution of species

C. embryonic development of an organ

D. ecological adaptation of an organism.

**Answer: B**



**Watch Video Solution**

**62.** Which of the following structure-function relations is incorrect?

Structure	Function
(a) Lignin thickening in sclerenchymatous cells	- Provides strength to the plant parts
(b) Hair-like structures in epidermal cells of roots	- Increase surface area for absorption of water
(c) Tracheids and vessels are tubular structures in xylem	- Transport water and mineral vertically
(d) Large air cavities are present in parenchymal tissue in aquatic plants	- Perform photosynthesis



**Watch Video Solution**

**63.** Statement 1: Ozone hole is the thinning of ozone layer.

Statement 2: Ozone is a poisonous gas that leads thinning of the atmosphere.

A. Both statements 1 and 2 are correct.

B. Statement 1 is correct but statement 2 is incorrect.

C. Statement 1 is incorrect but statement 2 is correct.

D. Both statements 1 and 2 are incorrect.

**Answer: B**



**Watch Video Solution**

64. Which of the following possesses pneumatic bones?

A. Gallus

B. Draco

C. Pteropus

D. Rana

**Answer: A**



**Watch Video Solution**



65. Which of the following is not dangerous for individual health?

A. Garbage thrown in the streets

B. Open drains

C. Stagnant water around our living place

D. Getting vaccinated against diseases

**Answer: D**



**Watch Video Solution**

66. Navya observed one slide through the microscope. In it, almost the entire cell space was occupied by vacuole. What would it likely be?

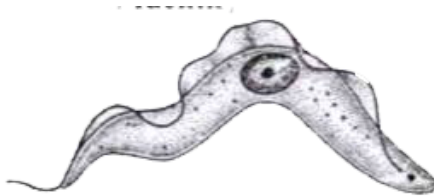
- A. Animal cell
- B. Amoeba
- C. Mature plant cell
- D. Non-living cell

**Answer: C**



Watch Video Solution

67. The given figure shows an organism responsible for causing the disease. Identify the disease.



- A. Kala-azar
- B. Elephantiasis
- C. Sleeping sickness
- D. AIDS

**Answer: C**



**Watch Video Solution**

**68.** Match the following columns and select the correct option.

**Column I**

- (A) Seed borne disease
- (B) Soil borne disease
- (C) Air borne disease
- (D) Water borne disease

**Column II**

- (i) Blast of rice
- (ii) Bacterial blight of rice
- (iii) Leaf spot of rice
- (iv) Tikka disease of groundnut

A. (A)-(iii), (B)-(iv), (C)-(i), (D)-(ii)

B. (A)-(iii), (B)-(i), (C)-(iv), (D)-(ii)

C. (A)-(ii), (B)-(iii), (C)-(iv), (D)-(i)

D. (A)-(i), (B)-(ii), (C)-(iii), (D)-(iv)

**Answer: A**



**Watch Video Solution**

**69.** Which of the following practices is suitable to farmer at less water resources ?

- i) select short term crops                      ii) cultivate commercial crops

iii) adapt drip system

iv) crop

holiday

- A. Select a short term crop
- B. Cultivate commercial crop
- C. Adopt drip irrigation system
- D. None of these

**Answer: A**



**Watch Video Solution**

**70.** Which of the following statements is/are not true?

(i) Ozone layer occurs naturally in the atmosphere.

(ii) Thinning of ozone layer allows more UV radiations to pass through it and cause harmful effects on humans, plants and animals.

(iii) The region of the stratosphere that contains relatively high concentration of ozone is called troposphere.

A. (i) and (ii)

B. Only (ii)

C. (i) , (ii) and (iii)

D. Only (iii)

**Answer: D**



**Watch Video Solution**

**71.** Statement 1: Lack of availability of good quality seed is the major drawback in fish farming.



Statement 2: Breeding fish in ponds using hormonal stimulation has ensured the supply of pure fish seed in desired quantities.

A. Both statements 1 and 2 are correct.

B. Statement 1 is correct but statement 2 is incorrect.

C. Statement 1 is incorrect but statement 2 is correct.

D. Both statements 1 and 2 are incorrect.

**Answer: A**





[Watch Video Solution](#)

72. An example for exotic breed of cow is

A. Frieswal

B. Friesian

C. Gir

D. Sahiwal.

**Answer: B**



[Watch Video Solution](#)

**73.** Which of the following is a set of bacterial diseases?

A. Cholera, Typhoid, Mumps

B. Malaria, Mumps, Poliomyelitis

C. Tetanus, Tuberculosis, Measles

D. Diphtheria, Leprosy, Plague

**Answer: D**



**Watch Video Solution**

74. A doctor advised a person to take an injection of insulin because

- A. he was suffering from goitre
- B. his blood pressure was low
- C. his sugar level in blood was high
- D. his heart was beating slowly.

**Answer: C**



**Watch Video Solution**

75. Match the columns and select the correct option.

Column I	Column II
A. Tendon	(i) Packing tissue
B. Areolar	(ii) Liquid matrix with suspended cells
C. Blood	(iii) Matrix composed of proteins and sugars
D. Adipose	(iv) Connects two bones together
E. Cartilage	(v) Matrix composed of calcium and phosphorus
F. Bone	(vi) Connects bones to muscles
G. Ligament	(vii) Fat-storing tissue

A. A-(vi),B-(i),C-(ii),D-(vii),E-(iii),F-(v),G-(iv)

B. A-(vi),B-(v),C-(vii),D-(iv),E-(ii),F-(i),G-(iii)

C. A-(iii),B-(i),C-(vi),D-(vii),E-(ii),F-(v),G-(iv)

D. A-(iv),B-(vii),C-(i),D-(v),E-(ii),F-(vi),G-(iii)

**Answer: A**



**Watch Video Solution**

**76.** Which of the following statements is correct?

A. Common cold is not contagious.

B. The common cold virus does not have its own RNA.

C. Common cold usually takes two months to clear up.

D. The common cold virus can leave the body through the mucus of infected person

**Answer: D**



**Watch Video Solution**

77. Which among the following cell organelles is able to make its own proteins?

A. Lysosome

B. Golgi apparatus

C. Plastid

D. Endoplasmic reticulum

**Answer: C**



**Watch Video Solution**



78. Which of the below given statements stands true?

A. A person can contract AIDS due to unprotected sexual intercourse with an infected person.

B. A person can contract AIDS while getting permanent tattooing with an infected needle.

C. A person cannot contract AIDS by donating blood to a HIV infected person.

D. All of these

**Answer: D**



**Watch Video Solution**

**79.** Which of the following statements is correct regarding protective tissue, epidermis?

A. In desert plants, epidermis has a waxy coating of cutin on its outer surface to reduce transpiration.

B. The epidermis of the leaf contains small pores called stomata that help in the exchange of gases.

C. The epidermis of the root contains long hair-like structures that help to increase surface area for absorption of water.

D. All of these

**Answer: D**



**Watch Video Solution**

**80.** Which of the following is mismatch?

A. Leprosy - Bacterial disease

B. AIDS - Bacterial disease

C. Malaria - Protozoan disease

D. Elephantiasis - Helminthic disease

**Answer: B**



**Watch Video Solution**

**81.** CFCs are compounds of carbon which have

A. fluorine and chlorine

B. fluorine and chromium

C. iron and chlorine

D. iron and chromium.

**Answer: A**



**Watch Video Solution**

**82.** Which of the following are protozoan diseases that are transmitted by mosquito vectors?

A. Filariasis and typhus

B. Kala-azar and diphtheria

C. Malaria and kala-azar

D. Yellow fever and dengue fever

**Answer: C**



**Watch Video Solution**

**83.** The body is covered by an epidermal of feathers in

A. Columba

B. Hyla

C. Naja

D. Equus

**Answer: A**



**Watch Video Solution**

**84.** Which of the following is not a chondrichthyes?

A. Scoliodon

B. Sting ray

C. Hippocampus

D. Torpedo

**Answer: C**



**Watch Video Solution**



**85.** Ozone layer of atmosphere protects the living organisms from

- A. high temperature
- B. harmful radiations of sun
- C. hail and snow
- D. water pollution

**Answer: B**



**Watch Video Solution**

**86.** Select the incorrect match.

A. Nematocyst → Sycon

B. Flame cells → Fasciola

C. Green gland → Prawn

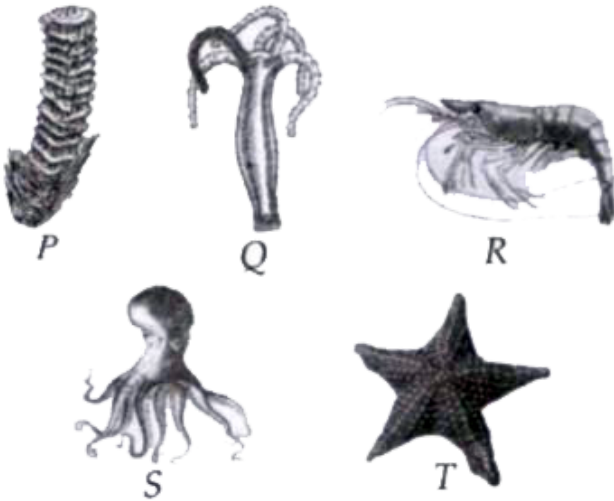
D. Setae → Earthworm

**Answer: A**



**Watch Video Solution**

**87.** Identify the given organisms (P-T) and select the incorrect statement regarding them.



(i) Organisms P, Q and T show tissue level of body organisation.

(ii) Organisms P, S and T are triploblastic animals.

(iii) Organisms R, S and T are eucoelomates.

(iv) Organisms P, R, S and T' possess notochord at some stage of their life.

- A. (i) and (iii) only
- B. (i), (ii) and (iv) only
- C. (i) and (ii) only
- D. (i), (ii) and (iii) only

**Answer: B**



**Watch Video Solution**

88. Which cell organelle is known as "powerhouse of the cell"?

A. Mitochondria

B. Lysosome

C. Golgi apparatus

D. Endoplasmic reticulum

**Answer: A**



**Watch Video Solution**

**89.** Which plant leaves have a parallel venation?

- A. Peepal leaves
- B. Hibiscus leaves
- C. Banana leaves
- D. Banyan leaves

**Answer: C**



**Watch Video Solution**

90. The common component of membrane of organelles like mitochondria, endoplasmic reticulum and nucleus is

- A. glycolipid
- B. glycoprotein
- C. nucleoprotein
- D. lipoprotein

**Answer: D**



**Watch Video Solution**

